

312
213

(Side)

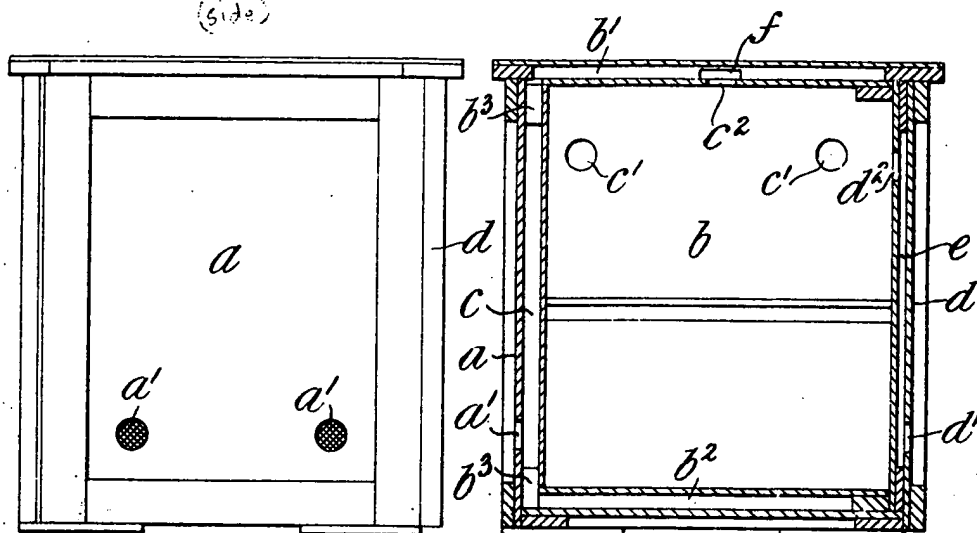


Fig. 1.

Fig. 2.

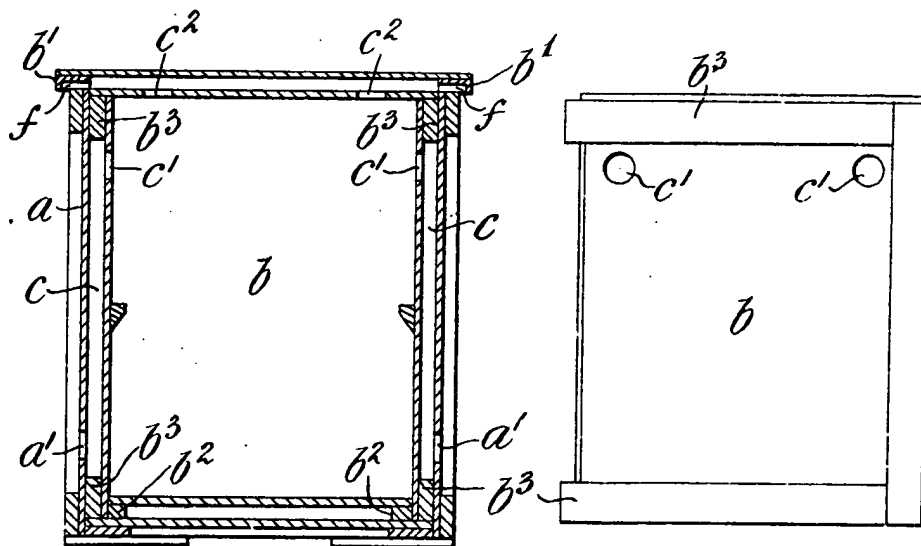


Fig. 3.

Fig. 4.

N° 22,471



A.D. 1912

DUPLICATE

Date of Application, 3rd Oct., 1912

Complete Specification Left, 3rd Apr., 1913—Accepted; 18th Sept., 1913

PROVISIONAL SPECIFICATION.

Improvements in the Manufacture of Movable or Stationary Sanitary Larders and Safes for Perishable Foods, Fruits, Plants, Cut Flowers and the like.

I, ARCHIE BENDALL, 9, Sandford Terrace, Keynsham Road, Cheltenham, Gloucestershire, Sanitary House Manufacturer for Animals, Poultry and Birds, do hereby declare the nature of this invention to be as follows:—

This invention relates to improvements in movable or stationary sanitary larders, safes and the like, with the objects of providing ventilation without fear of external interference from heat, cold, damp, insects and the like, safe-keeping, preserving in safety from injury of all perishable foods, plants, cut-flowers, fruit and the like, and means for ensuring perfect sanitation, the whole being constructed in a simple and efficient manner as follows.

In carrying the said invention into effect, the device consists primarily of two members, an outer and inner larder or safe, (A and B respectively). The latter being adapted to slide within the former either vertically or horizontally, the inner larder or safe is constructed in one or more sections which can be removed at will or made a fixture. The two roofs of the larder or safe are made separate from the sides respectively and may be hinged or made secure with any suitable fastenings. When the hinged or removable roof is employed the inner larder or safe would be adapted to slide out vertically. In conjunction with either a fixed or hinged roof, but preferably with the fixed construction, the front or either side of the outer larder or safe is hinged or otherwise suitably made to open to accommodate the horizontal sliding of the inner member, B. The larder or safe is preferably formed of wood, sheet metals and the like either wholly or in parts.

The air is admitted by any approved methods of ventilation and atmospheric condition suitable to the contents. Sliding battens are provided, preferably on either side of the inner larder or safe. These battens also serve to break the air intake and force the air into the inner larder or safe before passing out of the outer larder or safe. A larder or safe constructed in accordance with the present invention secures the contents from interference from external sources.

Dated this Second day of October, 1912.

ARCHIE BENDALL.

COMPLETE SPECIFICATION.

Improvements in the Manufacture of Movable or Stationary Sanitary Larders and Safes for Perishable Foods, Fruits, Plants, Cut Flowers and the like.

I, ARCHIE BENDALL, of 9, Sandford Terrace, Keynsham Road, Cheltenham, Manufacturer, do hereby declare the nature of this invention and in what

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manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

This invention relates to movable or stationary sanitary larders or safes, having ventilation without fear of external interference from heat, cold, damp, insects and the like, safe-keeping from injury all perishable foods, plants, cut flowers, fruit and the like, and the invention is directed to that type which comprises an outer member and an inner member separated from one another so that an air chamber is formed between said members, air being admitted from the exterior to the air chamber and from air chamber to the interior of the inner member.

In carrying out the present invention, the larder or safe is so constructed and arranged that there is an air space all round, that is to say, at the sides, back, top and bottom and the front (the door), the air to the door being admitted from the exterior to its air chamber and from thence to the interior of the safe or larder, and from thence to the exterior, ensuring a continuous supply of fresh air through the safe or larder, keeping the safe cool in hot weather, free from dust and from the effects of frost or damp.

For a clear understanding of the invention reference is to be had to the following description and accompanying sheet of drawings which show a larder or safe with fixed roof, hinged front and horizontally slidable inner member, the parts being formed of ply wood cemented together and to battens forming complete sides, end and roof in one without tongues, grooves or joints.

In the drawings:—

Figure 1 is a side view of the safe or larder complete and closed.

Figure 2 is a longitudinal section thereof.

Figure 3 is a transverse section; and,

Figure 4 a side view of the inner member separate.

Like letters of reference indicate corresponding parts in the several figures.

In said drawings, *a* is the outer member and *b* the inner and slidable member with sides, ends roofs and bottom formed of ply wood, the roof and bottom of member *b* being kept clear of the roof and bottom of the outer member *a* by battens or distance pieces *b*¹, *b*², whilst the sides are kept clear from the sides of said outer member by the sliding battens *b*³ fixed to the outside of the inner member, thus leaving a chamber *c* between said members, said battens also serving to break the air intake and force the air into the inner chamber before passing out of the outer chamber.

The front of the member *a* is closed by a door *d* having a chamber *e* formed therein, which door in its outer wall and at the lower part thereof is provided with an opening *d*¹, covered with gauze to prevent the entrance of insects, leading to chamber *e* which at its upper part on its inner wall is provided with an opening *d*² leading into the inner member *b*. In same manner are the back and sides of the outer member *a* provided with holes *a*¹ leading to the chamber *e*, the air passing from such chamber through holes *c*¹ in the sides of the inner member into the interior of such member and from thence through holes *c*² in the roof of said inner member into the space between the roofs of the inner and outer members and from thence by way of passages *f* formed in the side top battens *b*¹ to the atmosphere.

Instead of forming the improved larder or safe of wood, the same may be formed of sheet metal and the like, either wholly or in parts.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is:—

In a movable or stationary sanitary larder or safe of the type set forth, the combination of an outer member, an inner and slidable member arranged within said outer member and spaced therefrom to form an air chamber therebetween, air inlets in the outer member leading to said chamber, air inlet holes

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5 leading from said chamber to the interior of the inner member, air exit holes leading from the roof of said inner member to the space between the roofs of both inner and outer member and exit holes in the roof of the outer member to the atmosphere, the initial inlets being provided with means to prevent the entrance of insects and the like and a hinged door to the outer member, said door being formed with an air chamber therein with air inlets and outlets thereto, air entering the chamber from the exterior of the door, the outlets opening into the interior of the inner member as herein described and illustrated by the accompanying drawings.

10 Dated the 3rd day of April, 1913.

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